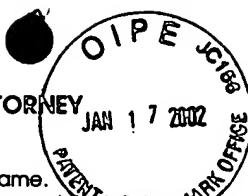


DECLARATION AND POWERS OF ATTORNEY

JAN 17 2002

As a below named Inventor, I hereby declare that:



My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and sole joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERPRETIVE STREAM METADATA EXTRACTION

The specification of which was filed on Jun 8, 2001 as Application Serial No. 09/876,943 and was amended on _____, or, if not identified here by filing date and serial number, is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56.

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Application No. _____ In _____ on _____ priority claimed () Yes () No

Application No. _____ In _____ on _____ priority claimed () Yes () No

Application No. _____ In _____ on _____ priority claimed () Yes () No

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.

Application No. 60/252,273 Filed November 21, 2000

Application No. _____ Filed _____

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application.

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I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Joseph S. Tripoli Registration No. 26,040 and

Ronald H. Kurdyka Registration No. 26,932 and

Joel M. Fogelson Registration No. 43,613 and

Registration No. _____

PLEASE ADDRESS ALL

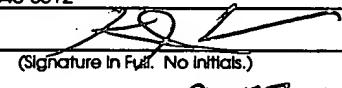
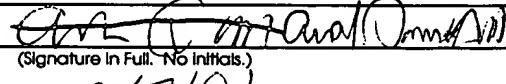
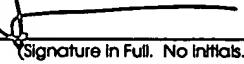
COMMUNICATIONS TO: JOSEPH S. TRIPOLI

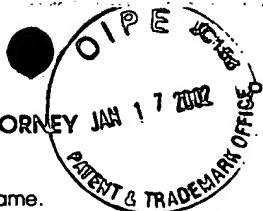
PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (1)	KEN ALAN BERKUN (Type or Print)	 (Signature in Full. No initials.)
Citizenship	USA	Date <u>9-07-01</u>
Post Office Address	<u>1554 NE 95th Street, Seattle, Washington 98115</u>	
Residence	<u>Seattle (King County), Washington 98115</u>	
Sole or Joint Inventor (2)	AUSTIN DAVID DAHL (Type or Print)	 (Signature in Full. No initials.)
Citizenship	USA	Date <u>9/7/01</u>
Post Office Address	<u>2039 26th Ave. E, Seattle, Washington 98112</u>	
Residence	<u>Seattle (King County), Washington 98112</u>	
Sole or Joint Inventor (3)	JENNIFER LYNN KOLAR (Type or Print)	 (Signature in Full. No initials.)
Citizenship	USA	Date <u>9/10/2001</u>
Post Office Address	<u>3626 Fremont Lane N #201, Seattle, Washington 98103</u>	
Residence	<u>Seattle (King County), Washington 98103</u>	



PU010083

DECLARATION AND POWERS OF ATTORNEY JAN 17 2002

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Application No. _____ in _____ on _____ priority claimed (Yes) (No)

Application No. _____ in _____ on _____ priority claimed (Yes) (No)

Application No. _____ in _____ on _____ priority claimed (Yes) (No)

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.

Application No. 60/252,273 Filed November 21, 2000

Application No. _____ Filed _____

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Serial No. _____ Filed _____ (patented) (pending) (abandoned)

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<u>Joseph S. Tripoli</u>	Registration No. <u>26,040</u> and
<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u> and
<u>Joel M. Fogelson</u>	Registration No. <u>43,613</u> and
	Registration No. _____

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THOMSON MULTIMEDIA LICENSING INC.
P. O. Box 5312
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (4) Citizenship Post Office Address	SCOTT CHAO-CHUEH LEE (Type or Print) USA 2031 151 st Ave., SE, Bellevue, Washington 98007 Bellevue (King County), Washington 98007	<u>X Scott Chao-Chueh Lee</u> (Signature in Full. No Initials.) Date <u>10/21/2001</u>
Sole or Joint Inventor (5) Citizenship Post Office Address	SHANNON E. MCRAE (Type or Print) USA 1422 E. Union, #106, Seattle, Washington 98122 Seattle (King County), Washington 98122	 (Signature in Full. No Initials.) Date _____
Sole or Joint Inventor (6) Citizenship Post Office Address	BRAD STEVEN MILLER (Type or Print) USA 9302 SE 43 rd Street, Mercer Island, Washington 98040 Mercer Island (King County), Washington 98040	 (Signature in Full. No Initials.) Date _____



DECLARATION AND POWERS OF ATTORNEY JAN 17 2002

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Joel M. Fogelson

Registration No. 43,613 and

Registration No. _____

PLEASE ADDRESS ALL

COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (4)	<u>SCOTT CHAO-CHUEH LEE</u>	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	<u>2031 151st Ave., SE, Bellevue, Washington 98007</u>	
Residence	<u>Bellevue (King County), Washington 98007</u>	
Sole or Joint Inventor (5)	<u>SHANNON E. MCRAE</u>	(Signature in Full. No Initials.)
Citizenship	USA	Date <u>10-5-01</u>
Post Office Address	<u>1422 E. Union, #106, Seattle, Washington 98122</u>	
Residence	<u>Seattle (King County), Washington 98122</u>	
Sole or Joint Inventor (6)	<u>BRAD STEVEN MILLER</u>	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	<u>9302 SE 43rd Street, Mercer Island, Washington 98040</u>	
Residence	<u>Mercer Island (King County), Washington 98040</u>	

DECLARATION AND POWERS OF ATTORNEY

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<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u>	and
<u>Joel M. Fogelson</u>	Registration No. <u>43,613</u>	and
	Registration No. _____	

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COMMUNICATIONS TO: JOSEPH S. TRIPOLI
PATENT OPERATIONS
THOMSON MULTIMEDIA LICENSING INC.
P. O. Box 5312
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (4)	<u>SCOTT CHAO-CHUEH LEE</u> (Type or Print)	(Signature In Full. No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>2031 151st Ave., SE, Bellevue, Washington 98007</u>	
Residence	<u>Bellevue (King County), Washington 98007</u>	
Sole or Joint Inventor (5)	<u>SHANNON E. MCRAE</u> (Type or Print)	(Signature In Full. No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>1422 E. Union, #106, Seattle, Washington 98122</u>	
Residence	<u>Seattle (King County), Washington 98122</u>	
Sole or Joint Inventor (6)	<u>BRAD STEVEN MILLER</u> (Type or Print)	<u>Brad Steven Miller</u> (Signature In Full. No Initials.)
Citizenship	<u>USA</u>	Date <u>9-10-2001</u>
Post Office Address	<u>9302 SE 43rd Street, Mercer Island, Washington 98040</u>	
Residence	<u>Mercer Island (King County), Washington 98040</u>	

O I P E

PU010083

DECLARATION AND POWERS OF ATTORNEY JAN 17 2002

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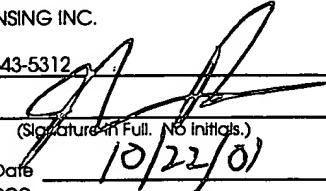
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<u>Ronald H. Kudyla</u>	Registration No. <u>26,932</u> and
<u>Joel M. Fogelson</u>	Registration No. <u>43,613</u> and
	Registration No. _____

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COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS
THOMSON MULTIMEDIA LICENSING INC.
P. O. Box 5312
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (7)	<u>JOHN PRINCE</u> (Type or Print)	(Signature in Full. No Initials.)  <u>10/22/01</u>
Citizenship	<u>USA</u>	Date
Post Office Address	<u>P.O. Box 5028, Bellevue, Washington 98009</u>	
Residence	<u>Bellevue (King County), Washington 98009</u>	
Sole or Joint Inventor (8)	<u>ERIC CARL REHM</u> (Type or Print)	(Signature in Full. No Initials.)
Citizenship	<u>USA</u>	Date
Post Office Address	<u>353 Wallace Way NE #3, Bainbridge Island, Washington 98110</u>	
Residence	<u>Bainbridge Island (Kitsap County), Washington 98110</u>	
Sole or Joint Inventor (9)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)	(Signature in Full. No Initials.)
Citizenship	<u>USA</u>	Date
Post Office Address	<u>913 26th Avenue E, Seattle, Washington 98112</u>	
Residence	<u>Seattle (King County), Washington 98112</u>	

DECLARATION AND POWERS OF ATTORNEY JAN 17 2002

O I P E

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RU010083

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PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (7)	<u>JOHN PRINCE</u> (Type or Print)	(Signature in Full. No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>P.O. Box 5028, Bellevue, Washington 98009</u>	
<u>Bellevue (King County), Washington 98009</u>		
Sole or Joint Inventor (8)	<u>ERIC CARL REHM</u> (Type or Print)	<u>E. Carl RHM</u> (Signature in Full. No Initials.)
Citizenship	<u>USA</u>	Date <u>9/18/2001</u>
Post Office Address	<u>353 Wallace Way NE #3, Bainbridge Island, Washington 98110</u>	
Residence	<u>Bainbridge Island (Kitsap County), Washington 98110</u>	
Sole or Joint Inventor (9)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)	<u>S. Sud</u> (Signature in Full. No Initials.)
Citizenship	<u>USA</u>	Date <u>Sept 6, 2001</u>
Post Office Address	<u>913 26th Avenue E, Seattle, Washington 98112</u>	
Residence	<u>Seattle (King County), Washington 98112</u>	

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U010083
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PATENT & TRADEMARK OFFICE
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Application No. 60/252,779 Filed November 21, 2000

Application No. _____ Filed _____

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PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (10)	<u>JONATHAN ROBERT NOWITZ</u> (Type or Print)	 (Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date <u>9/10/2001</u>
Post Office Address	<u>2302 NE 92nd Street, Seattle, Washington 98115</u>	
<u>Seattle (King County), Washington 98115</u>		
Sole or Joint Inventor (11)	 (Type or Print)	 (Signature in Full, No Initials.)
Citizenship	 Date _____	
Post Office Address	 _____ _____ _____	
Residence	 _____ _____ _____	
Sole or Joint Inventor (12)	 (Type or Print)	 (Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	 _____ _____ _____	
Residence	 _____ _____ _____	

DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERPRETIVE STREAM METADATA EXTRACTION

the specification of which was filed on June 8, 2001 as Application Serial No. 09/876,943 and was amended on _____, or, if not identified here by filing date and serial number, is attached hereto.

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Application No. _____ In _____ on _____ priority claimed () Yes () No

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Application No. _____ In _____ on _____ priority claimed () Yes () No

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Application No. 60/252,273 Filed November 21, 2000

Application No. _____ Filed _____

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application

Serial No. _____ Filed _____ () patented () pending () abandoned

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<u>Joseph S. Tripoli</u>	Registration No. <u>26,040</u>	and
<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u>	and
<u>Joel M. Fogelson</u>	Registration No. <u>43,613</u>	and
	Registration No. _____	

PLEASE ADDRESS ALL

COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS
THOMSON MULTIMEDIA LICENSING INC.
P. O. Box 5312
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (1)	KEN ALAN BERKUN (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	1554 NE 95 th Street, Seattle, Washington 98115	
Residence	Seattle (King County), Washington 98115	
Sole or Joint Inventor (2)	AUSTIN DAVID DAHL (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	2039 26 th Ave. E, Seattle, Washington 98112	
Residence	Seattle (King County), Washington 98112	
Sole or Joint Inventor (3)	JENNIFER LYNN KOLAR (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	3626 Fremont Lane N #201, Seattle, Washington 98103	
Residence	Seattle (King County), Washington 98103	



U010083



PU010083

DECLARATION AND POWERS OF ATTORNEY JAN 17 2002

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Serial No. _____ Filed _____ (patented) (pending) (abandoned)Serial No. _____ Filed _____ (patented) (pending) (abandoned)

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Registration No. _____

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PRINCETON, NEW JERSEY 08543-5312

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Post Office Address	1554 NE 95 th Street, Seattle, Washington 98115 Seattle (King County), Washington 98115	
Sole or Joint Inventor (2)	AUSTIN DAVID DAHL (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	2039 26 th Ave. E, Seattle, Washington 98112 Residence	Seattle (King County), Washington 98112
Sole or Joint Inventor (3)	JENNIFER LYNN KOLAR (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	3626 Fremont Lane N #201, Seattle, Washington 98103 Residence	Seattle (King County), Washington 98103

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PLEASE ADDRESS ALL

COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

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Residence	Seattle (King County), Washington 98103	

DECLARATION AND POWERS OF ATTORNEY

JAN 17 2012
010083

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Registration No. _____

PLEASE ADDRESS ALL

COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (4)	<u>SCOTT CHAO-CHUEH LEE</u> (Type or Print)	(Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>2031 151st Ave., SE, Bellevue, Washington 98007</u>	
Residence	<u>Bellevue (King County), Washington 98007</u>	
Sole or Joint Inventor (5)	<u>SHANNON E. MCRAE</u> (Type or Print)	(Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>1422 E. Union, #106, Seattle, Washington 98122</u>	
Residence	<u>Seattle (King County), Washington 98122</u>	
Sole or Joint Inventor (6)	<u>BRAD STEVEN MILLER</u> (Type or Print)	(Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	<u>9302 SE 43rd Street, Mercer Island, Washington 98040</u>	
Residence	<u>Mercer Island (King County), Washington 98040</u>	

DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

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COMMUNICATIONS TO: JOSEPH S. TRIPOLI

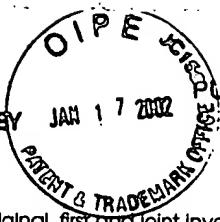
PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (7)	JOHN PRINCE (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	P.O. Box 5028, Bellevue, Washington 98009 Bellevue (King County), Washington 98009	
Sole or Joint Inventor (8)	ERIC CARL REHM (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	353 Wallace Way NE #3, Bainbridge Island, Washington 98110 Bainbridge Island (Kitsap County), Washington 98110	
Residence	Bainbridge Island (Kitsap County), Washington 98110	
Sole or Joint Inventor (9)	SRINIVASAN SUDANAGUNTA (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	913 26 th Avenue E, Seattle, Washington 98112 Seattle (King County), Washington 98112	
Residence		



PU010083

DECLARATION AND POWERS OF ATTORNEY

JAN 17 2002
010083

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PATENT OPERATIONS

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Application No. 60/252,772 Filed November 21, 2000

Application No. _____ Filed _____

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application

Serial No. _____ Filed _____ () patented () pending () abandoned

Serial No. _____ Filed _____ () patented () pending () abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Joseph S. Tripoli Registration No. 26,040 and

Ronald H. Kurdyla Registration No. 26,932 and

Joel M. Fogelson Registration No. 43,613 and

Registration No. _____

PLEASE ADDRESS ALL

COMMUNICATIONS TO: JOSEPH S. TRIPOLI

PATENT OPERATIONS

THOMSON MULTIMEDIA LICENSING INC.

P. O. Box 5312

PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (10)	<u>JONATHAN ROBERT NOWITZ</u> (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	<u>2302 NE 92nd Street, Seattle, Washington 98115</u>	
<u>Seattle (King County), Washington 98115</u>		
Sole or Joint Inventor (11)	 (Type or Print)	(Signature in Full. No Initials.)
Citizenship	Date _____	
Post Office Address	_____	
Residence	_____	
Sole or Joint Inventor (12)	 (Type or Print)	(Signature in Full. No Initials.)
Citizenship	USA	Date _____
Post Office Address	_____	
Residence	_____	



DECLARATION AND POWERS OF ATTORNEY

JAN 17 2002

PU010083

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INTERPRETIVE STREAM METADATA EXTRACTION

the specification of which was filed on June 8, 2001 as Application Serial No. 09/876,943 and was amended on _____, or, if not identified here by filing date and serial number, is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed.

Application No. _____ In _____ on _____ priority claimed () Yes () No

Application No. _____ In _____ on _____ priority claimed () Yes () No

Application No. _____ In _____ on _____ priority claimed () Yes () No

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.

Application No. 60/252,273 Filed November 21, 2000

Application No. _____ Filed _____

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application

Serial No. _____ Filed _____ () patented () pending () abandoned

Serial No. _____ Filed _____ () patented () pending () abandoned

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Sole or Joint Inventor (12)	 (Type or Print)	(Signature in Full, No Initials.)
Citizenship	<u>USA</u>	Date _____
Post Office Address	_____	
Residence	_____	